## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANTS:** Thundat et al.

**DOCKET NO.:** 0830.0

SERIAL NO.:

ART UNIT:

FILED:

**EXAMINER:** 

TITLE: Multi-Purpose Multi-Function Surface-Tension Microfluidic Manipulator

## INFORMATION DISCLOSURE STATEMENT under 37 CFR 1.56 and 1.97

**Assistant Commissioner for Patents** Washington, D. C. 20231

Sir:

Submitted herewith on Forms PTO/SB/08A and PTO/SB/08B is a listing of documents known to applicant in order to comply with applicant's duty of disclosure pursuant to 37 C.F.R. 1.56. A copy of each document is being submitted herewith to comply with the provisions of 37 C.F.R. 1.97 and 1.98.

Applicant presents these references that the Patent Office may determine any relevancy thereof to the presently claimed invention.

Applicant respectfully requests that the references be expressly considered during the prosecution of the subject application and made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicant also requests that an initialed copy of Forms PTO/SB/08A and PTO/SB/08B be returned in accordance with MPEP Section 609.

Respectfully submitted,

James M. Spicer, Agent for Applicants

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Substitute for form 1449/PTO	Complete if Known		
	Application Number		
INFORMATION DISCLOSURE	Filing Date		
	First Named Inventor Thundat		
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 1 of 2	Attorney Docket Number 0830.0		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			Figures Appear
	3	<sup>US-</sup> 5,719,324	02-17-1998	Thundat et al.	
		US-			
	<u> </u>	US-			**
		US-			1135-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
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		US-			<u> </u>

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
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Examiner		Date	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Kn wn Substitute for form 1449/PTO **Application Number** Filing Date INFORMATION DISCLOSURE STATEMENT BY APPLICANT **First Named Inventor** Thundat Art Unit (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number 0.0880 Sheet 2 2 of

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Y-T, TSENG et al., Experimental nad Numerical Studies on Micro-Droplet Movement Driven by Marangoni Effect 12th Int. Conf. on Solid State Sensors 1879-1882	
	2	Now, Phys. Rev. al. Optical Manipulation of Microscale Fluid Flow, Phys. Rev. Lett., Vol. 91.054501, pp. 1-4 (2003)	
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